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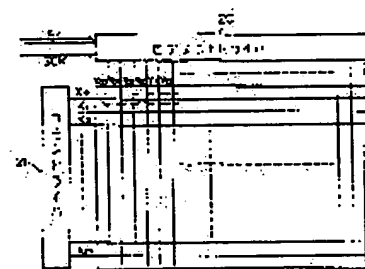
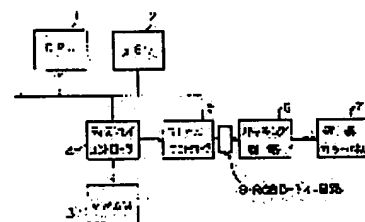
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(54) COLOR LIQUID CRYSTAL DISPLAY DEVICE

(57)Abstract:

PURPOSE: To allow multigradation liquid crystal color display by using a driver for single gradation by rotating the positional relations of gradation control signals and signal electrode while shifting the same at every line and by supplying the gradation control signals of the colors corresponding to the display cells of respective colors disposed zigzag.

CONSTITUTION: The signal electrode for one dot is constituted of 3 pieces of the signal electrode Y as one set. The display cells are constituted of the matrix of the electrodes and the scanning electrodes X. The display cells of the respective cells are so disposed that the display cells of the respective colors repeat the order of RGB in the X0 line, BRG in the X1 line and GBR in the X2 line. The dispositions of the RGB are thus constituted zigzag. The gradation control signals of the respective colors RGB outputted from a frame controller 5 are shifted in the bit positions according to the numbers of the lines canned in an RGB rotating circuit 8 by which the correspondence of the gradation control signals and the colors of the display cells is executed.



LEGAL STATUS

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